REMARKS

Claims 1-2, 4-12 and 14-20 are pending in this application. Claims 5, 9, 11, 14-15, 18 and 20 have been amended to correct typographical errors. As such, the above amendments to claims 5, 9, 11, 14-15, 18 and 20 do not invoke the restrictions of the Doctrine of Equivalents under Festo Corp. v. Shoketsu Kinzoku Kogyo Kabushiki Co., 122 S. Ct. 1831 (2002). Consequently, applicants should be accorded the full scope of their claims under the Doctrine of Equivalents.

In view of both the amendments presented above and the following discussion, the applicants submit that none of the claims now pending in the application are anticipated under the provisions of 35 U. S. C. § 102. Thus, applicants believe that all of these claims are now in allowable form.

REJECTIONS

- A. 35 U. S. C. § 102
- 1. Claims 1-2, 4-12 and 14-20 are not anticipated by Khan

Claims 1-2, 4-12 and 14-20 stand rejected under 35 U. S. C. § 102(e) as being anticipated by Khan (U. S. Patent 6,242,831 issued June 5, 2001). Applicants submit that these claims are not anticipated by this reference.

Claims 1-2, 4-12 and 14-20 are directed to a disc drive storage system (see, specification at page 1, paragraph 2). In particular, claim 1 includes:

"A disc drive storage system comprising:

a housing having a central axis; a stationary member that is fixed with respect to the housing and coaxial with the central axis;

a stator fixed with respect to the housing;

a rotatable member that is rotatable about the central axis with respect to the stationary member;

a rotor supported by the rotatable member and magnetically coupled to the stator;

at least one data storage disc attached to and coaxial with the rotatable member;

an actuator supporting a head proximate to the data storage disc for communicating with the disc; and

a hydrodynamic bearing interconnecting the stationary member and the rotatable member, the bearing having at least one working surface including a wear resistant, low frictional coating thereon having a thickness within a range of about 3000 nanometers to about 5 microns."

In claim 1, at least one working surface of a hydrodynamic bearing, interconnecting a stationary member and a rotatable member, includes a wear resistant low frictional coating having a thickness within a range of about 3000 nanometers to about 5 microns (see, specification at page 7, paragraph 27).

Khan describes a spindle motor of a disc-drive data storage device (see, Khan at column 1, lines 11-15). The drive components of the spindle motor include a rotor and a shaft (see, Khan at column 2, lines 66-67). A low friction hard coating may be formed on either of the inner surface of the rotor or the radial surface of the shaft having a thickness between about 1 nm to about 2000 nm (see, Khan at column 3, lines 9-37).

Khan does not describe or suggest a hydrodynamic bearing having a wear resistant low frictional coating having a thickness within a range of about 3000 nanometers to about 5 microns. Rather, Khan only teaches a low friction hard coating formed on either of the inner surface of the rotor or the radial surface of

the shaft having a thickness between about 1 nm to about 2000 nm. Thus, claims 1-2, 4-12 and 14-20 are patentable over Khan.

CONCLUSION

Thus, the applicants submit that none of the claims, presently in the application are anticipated under the provisions of 35 U. S. C. § 102. Consequently, the applicants believe that all of these claims are presently in condition for allowance. Accordingly, the applicants earnestly solicit reconsideration of this application and its swift passage to issue.

If, however, the Examiner believes that any unresolved issues still exist in any of these claims that require a continuation of the adverse action therefore, it is requested that the Examiner telephone, Ms. Patricia A. Verlangieri, at (732) 530-9404, so that appropriate arrangements can be made for resolving such issues as expeditiously as possible.

Respectfully submitted,

4/4/03

Moser, Patterson & Sheridan, LLP 595 Shrewsbury Avenue Suite 100 Shrewsbury, NJ 07702

Patricia A. Verlangieri, Attorney

Reg. No. 42,201 (732) 530-9404

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